

09/992,553

(FILE 'HOME' ENTERED AT 07:34:10 ON 26 AUG 2004)

FILE 'BIOSIS, MEDLINE, CAPLUS, WPIDS' ENTERED AT 07:34:19 ON 26 AUG 2004

L1 750 S PRION AND (PROTEINASE K)  
L2 309 S L1 AND (ASSAY OR IMMUNOASSAY OR DETECT?)  
L5 15 S L2 AND ((TEST STRIP) OR (LATERAL FLOW) OR (SOLID PHASE))  
L6 10 DUP REM L5 (5 DUPLICATES REMOVED)  
L7 10 DUP REM L\*\*\* (5 DUPLICATES REMOVED)  
L8 10 S L6 OR L7  
L9 10 DUP REM L8 (0 DUPLICATES REMOVED)

8/26/04

09/992,553

L9 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:80235 CAPLUS  
DN 140:107748  
TI Sample preparation device and method  
IN Rappin, Craig; Hajizadeh, Kiamars; Lewis, Peter; Mills, Kelly  
PA USA  
SO U.S. Pat. Appl. Publ., 21 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004018575	A1	20040129	US 2002-208178	20020729
PRAI	US 2002-208178		20020729		

L9 ANSWER 2 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2004-487419 [46] WPIDS  
DNC C2004-181550  
TI Conjugate of a dendrimer and a protein solubilizing substance useful in the treatment of protein aggregate related diseases e.g. **prion**-related disease, Alzheimer's disease, Creutzfeldt-Jakob disease.

DC A26 A96 B04  
IN BOAS, U; HEEGAARD, P  
PA (DAFO-N) DANMARKS FODEVARE OG VETERINAERFORSKNING  
CYC 107

PI WO 2004047869 A1 20040610 (200446)\* EN 43  
RW: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE  
LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US  
UZ VC VN YU ZA ZM ZW

ADT WO 2004047869 A1 WO 2003-DK812 20031126  
PRAI DK 2002-1828 20021126

L9 ANSWER 3 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2004-011533 [01] WPIDS  
DNN N2004-008505 DNC C2004-003240  
TI **Detecting a prion** in a sample by providing a population of cells susceptible to **prion** infection, contacting the population of cells with the sample, incubating the cells on a growth substrate and assaying for **prion** colony formation.

DC B04 D16 S03  
IN ENARI, M; FLECHSIG, E; KLOEHN, P; STOLTZE, L; WEISSMANN, C  
PA (MEDI-N) MEDICAL RES COUNCIL  
CYC 103

PI WO 2003081249 A2 20031002 (200401)\* EN 65  
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS  
LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

8/26/04

09/992,553

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL  
PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW

AU 2003212541 A1 20031008 (200432)  
ADT WO 2003081249 A2 WO 2003-GB1313 20030320; AU 2003212541 A1 AU 2003-212541  
20030320  
FDT AU 2003212541 A1 Based on WO 2003081249  
PRAI GB 2002-6585 20020320

L9 ANSWER 4 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2003-786951 [74] WPIDS  
DNN N2003-630618 DNC C2003-216961  
TI Determining disease in animal carcasses by removing sample from animal;  
homogenizing sample with buffer; treating homogenate with immobilized  
**proteinase-K**; assaying homogenate; and obtaining and  
correlating test result.  
DC A89 B04 C07 D13 D16 S03  
IN HAJIZADEH, K  
PA (HAJI-I) HAJIZADEH K; (PRIO-N) PRION DEVELOPMENTAL LAB INC  
CYC 102  
PI US 2003092199 A1 20030515 (200374)\* 13  
WO 2003041733 A1 20030522 (200374) EN  
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU  
MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT  
RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA  
ZM ZW  
ADT US 2003092199 A1 US 2001-990773 20011114; WO 2003041733 A1 WO  
2002-US36803  
20021114  
PRAI US 2001-990773 20011114

L9 ANSWER 5 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2003-777246 [73] WPIDS  
DNN N2003-622823 DNC C2003-213762  
TI Device for **detecting** presence of pathogenic **prion**  
protein in biological sample, comprises digestive pad having immobilized  
**proteinase-K**, conjugate pad having labeled antibody and  
**test strip**. self (?)  
DC A89 B04 D16 S03  
IN HAJIZADEH, K; MURTAZA, Z S  
PA (HAJI-I) HAJIZADEH K; (MURT-I) MURTAZA Z S; (PRIO-N) PRION DEVELOPMENTAL  
LAB INC  
CYC 102  
PI US 2003092090 A1 20030515 (200373)\* 14  
WO 2003042696 A1 20030522 (200373) EN  
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU  
MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

8/26/04

09/992,553

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT  
RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA  
ZM ZW

ADT US 2003092090 A1 US 2001-992533 20011114; WO 2003042696 A1 WO  
2002-US36703

20021114

PRAI US 2001-992533 20011114

L9 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2004:53490 BIOSIS

DN PREV200400057493

TI A **solid-phase assay** for identification of  
modulators of **prion** protein interactions.

AU Maxson, Laura; Wong, Cai'ne; Herrmann, Lynn M.; Caughey, Byron; Baron,  
Gerald S. [Reprint Author]

CS Rocky Mountain Laboratories, NIAID, NIH, 903 S. 4th St., Hamilton, MT,  
59840, USA

gbaron@niaid.nih.gov

SO Analytical Biochemistry, (December 1 2003) Vol. 323, No. 1, pp. 54-64.  
print.

ISSN: 0003-2697 (ISSN print).

DT Article

LA English

ED Entered STN: 21 Jan 2004

Last Updated on STN: 21 Jan 2004

L9 ANSWER 7 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN

AN 2002-599729 [64] WPIDS

DNN N2002-475459 DNC C2002-169550

TI **Detecting** neurological disorders in a patient, particularly  
Creutzfeldt-Jacob disease, Alzheimer's disease, Parkinson's disease or  
dementia, comprises measuring the concentration of **Prion** Protein  
(PrP) in a biological fluid sample.

DC B04 C06 D16 S03

IN SCHWARZ, H; TURECEK, P; VOELKEL, D; ZIMMERMANN, K

PA (SCHW-I) SCHWARZ H; (TURE-I) TURECEK P; (VOEL-I) VOELKEL D; (ZIMM-I)

ZIMMERMANN K; (BAXT) BAXTER HEALTHCARE SA; (BAXT) BAXTER INT INC

CYC 98

PI WO 2002057793 A2 20020725 (200264)\* EN 49

RW: AT-BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
NL OA PT SD SE SL SZ TR TZ UG ZM ZW

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

US 2002137114 A1 20020926 (200265)

AU 2002241909 A1 20020730 (200427)

ADT WO 2002057793 A2 WO 2002-US1297 20020118; US 2002137114 A1 Provisional US  
2001-263022P 20010119, US 2002-51413 20020118; AU 2002241909 A1 AU  
2002-241909 20020118

FDT AU 2002241909 A1 Based on WO 2002057793

PRAI US 2001-263022P 20010119; US 2002-51413 20020118

8/26/04

09/992,553

L9 ANSWER 8 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2001-281676 [29] WPIDS  
CR 2002-139902 [18]  
DNN N2001-200857 DNC C2001-085626  
TI Concentrating pathological **prion** protein useful as a preliminary  
step for **detection**, and with therapeutic and diagnostic uses  
comprises specific binding, for **prion**-binding factors.  
DC B04 D16 S03  
IN AGUZZI, A; FISCHER, M B  
PA (UYZU-N) UNIV ZURICH; (AGUZ-I) AGUZZI A; (FISC-I) FISCHER M B; (UYZU-N)  
UNIV ZUERICH  
CYC 95  
PI WO 2001023425 A1 20010405 (200129)\* EN 66  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
NL OA PT SD SE SL SZ TZ UG ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM  
DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
AU 2000052411 A 20010430 (200142)  
US 2001053533 A1 20011220 (200206)  
EP 1216258 A1 20020626 (200249) EN  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2003514773 W 20030422 (200336) 54  
ADT WO 2001023425 A1 WO 2000-IB849 20000626; AU 2000052411 A AU 2000-52411  
20000626; US 2001053533 A1 Cont of US 1999-407667 19990928, US  
2001-899407  
20010705; EP 1216258 A1 EP 2000-937127 20000626, WO 2000-IB849 20000626;  
JP 2003514773 W WO 2000-IB849 20000626, JP 2001-526575 20000626  
FDT AU 2000052411 A Based on WO 2001023425; EP 1216258 A1 Based on WO  
2001023425; JP 2003514773 W Based on WO 2001023425  
PRAI US 1999-407667 19990928; US 2001-899407 20010705

L9 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:351752 CAPLUS  
DN 132:345153  
TI An **immunoassay** for the determination of transmissible spongiform  
encephalopathies in bovine  
IN Hope, James; Barnard, Geoffrey John Russel; Birkett, Christopher Robin  
PA Wallac Oy, Finland; BBSRC Office  
SO PCT Int. Appl., 50 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2000029850	A1	20000525	WO 1999-FI897	19991027
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
	EP 1131635	A1	20010912	EP 1999-954030	19991027

8/26/04

09/992,553

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI

JP 2002530650 T2 20020917 JP 2000-582802 19991027  
PRAI FI 1998-2481 A 19981117  
WO 1999-FI897 W 19991027

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:351751 CAPLUS  
DN 132:345152

TI An **immunoassay** for the determination of transmissible spongiform  
encephalopathies in mammals

IN Hope, James; Barnard, Geoffrey John Russel; Birkett, Christopher Robin  
PA Wallac Oy, Finland; BBSRC Office  
SO PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2000029849	A1	20000525	WO 1999-FI896	19991027
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1135687	A1	20010926	EP 1999-954029	19991027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002530649	T2	20020917	JP 2000-582801	19991027
PRAI	FI 1998-2480	A	19981117		
	WO 1999-FI896	W	19991027		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

8/26/04

L Number	Hits	Search Text	DB	Time stamp
1	300	prion and (proteinase adj K)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 07:45
2	290	(prion and (proteinase adj K)) and (assay or immunoassay or detect\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 07:45
3	97	((prion and (proteinase adj K)) and (assay or immunoassay or detect\$)) and ((test adj strip) or (lateral adj flow) or (solid adj phase))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 08:13
4	39	(proteinase adj K) same (solid adj support)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 08:14